



FRAM OPERATING LLC

Federal 13-11
NESW Sec 13, T12S, R98W
Mesa County, Colorado

Prepared By: Joel Rinkoff
Date: 6/15/15

Geological tops:
Mancos
Dakota

Estimate
Surface
~3,409'

Actual
Surface
~3,409'

Conductor: 14" @ 40'
Cement with Redi-mix

12 1/4" hole
SURFACE CSG: 8 5/8" 24#, J-55 STC @ 308'
90 sxs

7 7/8" hole
PRODUCTION CASING: 5 1/2" 11.6# N-80 LTC @ ~3,430'
150 sxs

CIBP @ 3,250'

Float Collar: 3,430'
Guide Shoe: 3,511'

ELEVATION

R.B.
G.L. 5,920'
KB 5,932'
BHT
Spud date: 11-Oct-02
API No. 05-077-08479

Lat: 39.00526
Long: -108.29681

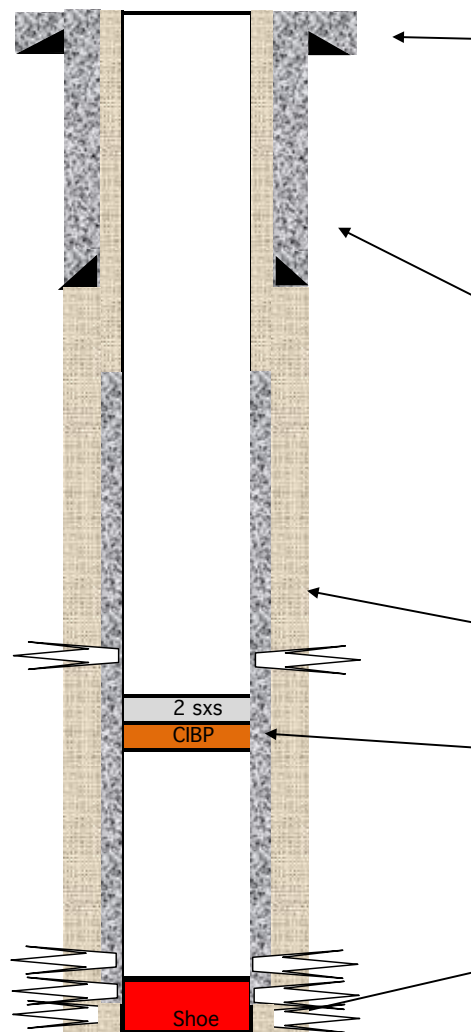
Drawing not to scale

TOC @~2,598'

PROPOSED
Mancos Perfs 6spf @ 3,075'-3,085'

Top of Dakota @~3,409'

EXISTING
Dakota Perfs @ 3,411'-3,511'



TD in Dakota @~3,515'